Index of Claims

O9/755,488

Examiner

Nicholas D. Rosen

Application No.

O9/755,488

HOFFMAN, ROGER P.
Examiner

Art Unit

Nicholas D. Rosen

3625

| Rejected | _ | (Through numeral)<br>Cancelled |
|----------|---|--------------------------------|
| Allowed  | + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | aim      |          |                 |          |              | Dat  | e        |  |          |          |       | Cla          | aim      |                 |                 |          | D            | ate      |              |                         |                 |        | С     | aim        |                 |             |          |          | ate      | €         |          |          | $\neg$    |
|----------|----------|----------|-----------------|----------|--------------|--|----------|--|----------|----------|-------|--------------|----------|-----------------|-----------------|----------|--------------|----------|--------------|-------------------------|-----------------|--------|-------|------------|-----------------|-------------|----------|----------|----------|-----------|----------|----------|-----------|
| _        | <u></u>  | <u>ر</u> |                 |          |              |  |          |  |          | ĺ        |       | _            | <u>a</u> |                 |                 |          |              | - 1      |              |                         |                 |        | _     | <u> </u>   |                 |             |          | Ĭ        |          |           |          |          |           |
| Final    | Original | 3/8/05   |                 |          |              |  |          | l  |          |          |       | Final        | Original |                 |                 |          |              |          |              |                         |                 |        | Final | Original   |                 |             | -        |          |          |           |          | 1        |           |
| ш        | ō        | რ        |                 |          |              |  | 1        | l  |          |          |       | <u> </u>     | ច        |                 |                 |          |              |          |              |                         |                 |        | II.   | ō          |                 |             | - 1      | -        |          |           |          |          |           |
|          | 1        | 1        |                 |          | ⊢            | H  | ├        | ⊢  | ╁        | ⊢        |       |              | 51       |                 | $\vdash$        | -        | $\dashv$     |          | +            | _                       | ╀               |        |       |            | Н               | $\dashv$    | $\dashv$ |          |          |           | $\dashv$ | $\dashv$ |           |
|          | 2        | Ì        |                 |          | $\vdash$     | $\vdash$   | ╁        | $\vdash$   | $\vdash$ | ┢┈       |       | <del></del>  | 52       | ├-              | H               | -        | $\dashv$     | +        | +            | +                       | ╁┈              |        |       | 101        | Н               | $\dashv$    | -        | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | -+       | ᅱ         |
|          | 3        | V        | H               | _        | $\vdash$     | H  | ╁┈       | ┢┈   | +        | ╁╌       |       | <u> </u>     | 53       | $\vdash$        | H               | $\dashv$ | $\dashv$     | +        | +            | +                       | +               |        |       | 103        | Н               | -           | $\dashv$ | $\dashv$ | $\dashv$ | -         | $\dashv$ | -        | $\dashv$  |
|          | 4        | 1        | Н               |          |              | T  |          |  | $\vdash$ | ┪        |       | <u> </u>     | 54       | 1               | $\Box$          | $\dashv$ | $\dashv$     | 十        | $\dagger$    |                         | T               |        |       | 104        | Н               |             | 1        | 7        | ᅱ        | $\dashv$  |          | $\dashv$ | $\dashv$  |
|          | 5        | 1        |                 |          |              | Г  |          |  | Τ        |          |       |              | 55       | $\vdash$        | П               | 1        | T            | T        | T            |                         | T               |        |       | 105        | П               | T           | $\neg$   | _        | $\neg$   | $\neg$    | $\neg$   | 7        | $\neg$    |
|          | 6        | √        |                 |          |              |  |          |  |          |          |       |              | 56       |                 | П               |          | $\exists$    |          |              |                         |                 |        |       | 106        | П               |             | $\neg$   | ╗        | 一        |           | 寸        | 一        |           |
|          | 7        | 1        |                 |          |              |  | L        |  |          |          |       |              | 57       |                 | $\Box$          |          | $\Box$       |          | $\perp$      |                         |                 |        |       | 107        |                 |             |          |          |          |           |          |          |           |
|          | 8        | ٧        |                 |          | _            | <u> </u>   | _        | <u> </u>   | ┖        | L        |       | <u> </u>     | 58       | _               | Ш               | $\perp$  | $\dashv$     | $\perp$  | $\perp$      | $\perp$                 |                 |        |       | 108        |                 | _           | _        | _        | _        |           |          | _        |           |
|          | 9        | <u> </u> | Н               | _        | _            | <u> </u>   | ┞        | <u> </u>   | ـــ      | <u> </u> |       | ļ            | 59       |                 | Ш               | $\dashv$ | $\dashv$     | 4        | $\perp$      | ┿                       | ļ               |        |       | 109        |                 |             | _        |          |          |           | _        | _        | _         |
|          | 10       |          | Н               |          | <del> </del> | ⊢  | ⊢        | ├  | ⊢        | ⊢        |       | <u> </u>     | 60       | ┡               | Н               | $\dashv$ | 4            | -        | +            | 4                       | ₽.              |        |       | 110        | Ш               | _           | -        | _        | _        |           | _        | _        | ᆚ         |
|          | 11<br>12 | <b>√</b> | H               |          | ⊢            | -  | ├        | $\vdash$   | $\vdash$ | $\vdash$ |       | <u> </u>     | 61<br>62 | $\vdash$        | $\vdash \vdash$ | -        | +            | +        | +            | +                       | $\vdash$        |        |       | 111        | $\square$       | $\dashv$    | -        |          |          | $\square$ | -        | _        | _         |
| <u> </u> | 13       | $\vdash$ | $\vdash$        | _        | $\vdash$     | -  | $\vdash$ | $\vdash$   | $\vdash$ | -        |       | <u> </u>     | 63       | $\vdash$        |                 | $\dashv$ | $\dashv$     | -+       | +            | +                       | $\vdash$        |        |       | 112<br>113 | $\vdash \vdash$ | $\dashv$    | -        | -        | _        | $\dashv$  |          | -        | $\dashv$  |
|          | 14       | 1        | H               | -        | $\vdash$     | -  | $\vdash$ |  | $\vdash$ | -        | liii  |              | 64       | H               | $\vdash$        | $\dashv$ | +            | +        | +            | +                       | +               |        |       | 114        | $\vdash$        | $\dashv$    | -        | $\dashv$ | $\dashv$ | $\vdash$  | $\dashv$ | $\dashv$ | ᅱ         |
|          | 15       | V        | H               | _        | $\vdash$     |  | $\vdash$ | H  | 1        |          |       |              | 65       | $\vdash$        | $\vdash$        | $\dashv$ | $\dashv$     | $\dashv$ | +            | +                       | † –             |        |       | 115        | Н               | $\dashv$    | -        | $\dashv$ |          | $\dashv$  | $\dashv$ | $\dashv$ | ᅱ         |
|          | 16       | 1        | $\sqcap$        |          |              | <del>                                     </del> | Г        | T  |          |          |       |              | 66       | П               | H               | $\dashv$ | $\dashv$     | 十        | +            | +                       |                 |        |       | 116        | Н               | $\dashv$    | -        | $\dashv$ |          | $\dashv$  | $\dashv$ | ┪        | $\dashv$  |
|          | 17       | √        |                 |          |              |  |          |  |          |          |       |              | 67       | $\Box$          | П               | $\dashv$ | 寸            | $\dashv$ | $\top$       | Τ                       | T               |        |       | 117        | П               | $\dashv$    | _        | _        |          | $\dashv$  | 7        | 7        | ㅓ         |
|          | 18       | √        |                 |          |              |  |          |  |          |          |       |              | 68       |                 |                 |          |              |          |              |                         |                 |        |       | 118        | П               |             | 寸        | 7        |          | 7         | $\neg$   | 7        | ヿ         |
|          | 19       | ✓        |                 |          |              |  |          |  |          |          |       |              | 69       |                 |                 |          |              |          |              |                         |                 |        |       | 119        |                 |             |          |          |          |           | Ì        |          |           |
|          | 20       | √        |                 |          |              |  | <u> </u> | _  | L        |          |       |              | 70       |                 | Ш               | $\perp$  | $\perp$      |          | ᆚ            |                         | Ш               |        |       | 120        |                 |             |          |          |          |           |          |          |           |
|          | 21       | 1        |                 |          |              | L_   | _        | L.   | L        |          |       |              | 71       | $oxed{oxed}$    | Ш               | _        | $\perp$      | _        | ┸            | _                       |                 |        |       | 121        | Ш               |             |          |          |          |           |          |          |           |
|          | 22       | V        | $\sqcup$        |          |              | <u> </u>   | <u> </u> | _  | ļ        |          |       |              | 72       | $\vdash$        |                 | 4        | 4            | _        | 4            | 1                       | <b> </b>        |        |       | 122        | Ш               |             |          | _        | _        |           |          |          | Ц         |
|          | 23       | ⊢        | $\vdash \vdash$ | _        | <u> </u>     | L  | <u> </u> | -  | ļ        |          |       |              | 73       | $\vdash$        | $\vdash$        | -        | $\dashv$     | +        | +            | +                       | ╆               |        |       | 123        | Ш               | _           | _        | -+       | _        |           | _        | _        | ᅴ         |
|          | 24<br>25 |          | -               |          | _            | $\vdash$   | ⊢        | H  | ╁        | ┢        |       |              | 74<br>75 | $\vdash$        | $\vdash$        | $\dashv$ | +            | +        | +            | ╂                       | ╀               |        |       | 124<br>125 | Н               |             |          | $\dashv$ |          | _         |          | -        | ᅴ         |
|          | 26       |          | H               | _        | _            |  | <u> </u> | -  | $\vdash$ | ┢        |       | <del>-</del> | 76       | $\vdash$        | -               | +        | +            | +        | +            | ┿                       | $\vdash$        |        |       | 126        | Н               | $\dashv$    | +        | -        |          |           | $\dashv$ | -        | $\dashv$  |
|          | 27       | $\vdash$ | H               |          |              | _  |          |  | H        | -        |       |              | 77       | $\vdash$        | $\dashv$        | $\dashv$ | $\dashv$     | $\dashv$ | +            | +-                      | $\vdash$        |        | _     | 127        | H               | $\dashv$    | $\dashv$ | -        | $\dashv$ | $\dashv$  | -+       | $\dashv$ | ᅱ         |
|          | 28       | Т        | $\vdash$        | _        |              |  | _        | <del> </del>                                     |          |          |       |              | 78       | H               |                 | _        | +            | +        | ╅            | +                       | $\vdash$        |        |       | 128        | H               | $\dashv$    | -        | $\dashv$ | +        | $\dashv$  | -        | $\dashv$ | ㅓ         |
|          | 29       |          | П               |          |              |  | 1        | <del>                                     </del> | _        |          |       |              | 79       | H               |                 | 寸        | 7            | _        | $\top$       | T                       | П               |        |       | 129        |                 | $\dashv$    | _        | $\dashv$ | 一        | 一         | 一        | $\dashv$ | ㅓ         |
|          | 30       |          |                 |          |              |  |          |  |          |          |       |              | 80       | П               |                 | 寸        | $\neg$       |          | 1            | 1                       | T               |        |       | 130        |                 | _           | $\dashv$ | $\neg$   | 一        | $\neg$    | $\neg$   | _        |           |
|          | 31       |          |                 |          |              |  |          |  |          |          |       |              | 81       |                 |                 |          |              |          |              |                         |                 |        |       | 131        |                 | T           | T        |          | ヿ        | $\Box$    | T        | $\neg$   | П         |
|          | 32       | Ш        | Ц               |          |              | L  |          | _  |          |          |       |              | 82       | Ш               |                 |          | _            |          |              |                         |                 |        |       | 132        |                 | T           |          |          |          |           |          |          |           |
|          | 33       | _        | $\sqcup$        | _        | L            | $\vdash$   | _        | _  |          |          |       |              | 83       | Щ               | Ш               | _        | $\downarrow$ | _        | $\perp$      | $\perp$                 | Ш               |        |       | 133        | Ш               |             | _[       |          | _[       | $\Box$    | $\bot$   | J        |           |
|          | 34       | <u> </u> | $\dashv$        | _        | _            | <u> </u>   | $\vdash$ | _  | $\vdash$ | $\vdash$ |       |              | 84       | $\vdash \vdash$ | $\sqcup$        | 4        | +            | _        | +            | $\bot$                  | $\vdash$        |        |       | 134        | $\sqcup$        | _           | _        | _        | _        | _         |          | $\dashv$ | _         |
|          | 35<br>36 | <u> </u> | $\dashv$        | -        | H            | -  | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$ |       |              | 85<br>86 | Н               | $\vdash$        | +        | +            | +        | +            | +                       | -               |        |       | 135        |                 | -           | 4        | _        | _        |           | 4        | $\dashv$ | ᅴ         |
|          | 37       | <b>—</b> | ╁               | -        | H            | <u> </u>   | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$ |       |              | 87       | Н               | $\dashv$        | $\dashv$ | +            | +        | +            | +                       | $\vdash$        |        |       | 136<br>137 | $\vdash \vdash$ | $\dashv$    | $\dashv$ |          | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$  |
|          | 38       |          |                 | $\dashv$ | Н            |  | $\vdash$ | $\vdash$   |          | $\vdash$ |       |              | 88       | Н               | $\dashv$        | $\dashv$ | +            | +        | +            | +                       | $\vdash$        |        |       | 138        | $\vdash \vdash$ | $\dashv$    | $\dashv$ | -        | $\dashv$ | -         | $\dashv$ | $\dashv$ | ᅱ         |
|          | 39       | $\vdash$ | $\dashv$        | _        | Н            | -  | H        | $\vdash$   | $\vdash$ | H        |       | -            | 89       | H               | $\dashv$        | $\dashv$ | +            | +        | +            | +                       | Н               |        |       | 139        | $\vdash$        | $\dashv$    | $\dashv$ | $\dashv$ | $\dashv$ | -         | $\dashv$ | $\dashv$ | $\dashv$  |
|          | 40       | П        | $\vdash$        | _        |              |  | $\vdash$ |  |          |          |       |              | 90       | Н               |                 | 十        | $\dagger$    |          | $\top$       | $\top$                  | T               |        |       | 140        | $\vdash$        | $\dashv$    | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$ | ㅓ         |
|          | 41       |          |                 |          |              |  |          |  |          |          |       |              | 91       | П               |                 | 十        | T            | $\top$   | 十            | 1                       | П               |        |       | 141        | $\vdash$        | 一           | 十        | 一        | 7        | 一         | $\dashv$ | $\dashv$ | ᅥ         |
|          | 42       |          |                 |          |              |  |          |  |          |          |       |              | 92       |                 |                 |          | ↿            |          | $\perp$      |                         |                 |        |       | 142        |                 |             |          |          |          |           |          |          | $\exists$ |
|          | 43       | Ш        | $\Box$          |          |              |  |          |  |          |          |       |              | 93       |                 |                 |          |              |          | $oxed{\Box}$ | $oldsymbol{\mathbb{L}}$ |                 |        |       | 143        |                 |             |          | J        |          |           |          |          |           |
|          | 44       | Ш        | $\Box$          | _        |              | _  | Щ        | L  |          |          |       |              | 94       | Ш               | $\Box$          | $\perp$  | $\prod$      | $\perp$  | $\Box$       | 1                       |                 |        |       | 144        |                 | $\sqsupset$ | $\Box$   | $\Box$   | ┚        |           | $\Box$   | $\Box$   |           |
|          | 45       | Ш        | $\sqcup$        | 4        | Щ            |  | Ш        | _  | Ш        | Щ        |       |              | 95       | Ш               | $\sqcup$        | _        | $\downarrow$ |          | 1            | 1                       | Ш               |        |       | 145        | Ш               | $\perp$     | $\perp$  | $\Box$   | $\Box$   | $\Box$    | $\bot$   | $\perp$  |           |
|          | 46       | Ш        | $\dashv$        | $\dashv$ | Щ            | $\vdash$   | Щ        | L  | Щ        | <u> </u> |       |              | 96       | $\sqcup$        | $\sqcup$        | $\dashv$ | $\downarrow$ | _        | +            | $\bot$                  | Н               |        |       | 146        | Щ               | 4           | 4        | _        | _        | _         | _        |          | $\dashv$  |
|          | 47       | $\vdash$ | $\dashv$        | 4        | Н            |  | $\vdash$ | <u> </u>   | Н        | <u> </u> |       |              | 97       | $\vdash \vdash$ | $\dashv$        | $\dashv$ | +            |          | +            | +                       | Н               |        |       | 147        | $\sqcup$        | _           | 4        |          |          | _         | -        | _        | 4         |
|          | 48<br>49 | $\dashv$ | $\dashv$        | $\dashv$ | $\dashv$     |  | Н        | <u> </u>   | Н        | Н        |       |              | 98<br>99 | ┝┤              |                 | +        | +            | +        | +            | +-                      | $\vdash \vdash$ |        |       | 148        | $\vdash$        | $\dashv$    | -        | $\dashv$ | $\dashv$ | _         | $\dashv$ | $\dashv$ | 4         |
|          | 50       | Н        | $\dashv$        | $\dashv$ | $\dashv$     | -  | Н        | -  | Н        | -        |       |              | 100      | $\vdash \vdash$ | $\dashv$        | +        | +            | +        | +            | +                       | Н               | ⊪      |       | 149<br>150 | $\vdash$        | -           |          | +        | $\dashv$ | -         | +        | $\dashv$ | $\dashv$  |
|          | JU       | ш        | L               |          |              |  | щ        | _  |          |          | ::::: |              | 100      | Ш               | 1               | L        |              | ᆚ        |              |                         |                 | :::::[ |       | 100        | i               |             |          |          |          |           |          |          |           |